

1-24. (CANCELED)

25. (CURRENTLY AMENDED) A high reflectivity micro mirror, comprising:
a homogenous monolithic bulk crystal silicon having an anisotropic body with a crystalline plane; and
a mirror surface co-extensive with a selectively anisotropically etched portion of the crystalline plane.

26. (WITHDRAWN) The high reflectivity micro mirror as defined in Claim 25, wherein at least one passage extends across the crystalline plane.

27. (CANCELED)

28. (WITHDRAWN) The high reflectivity micro mirror as defined in Claim 25, wherein the crystalline plane is positioned across an exterior surface of the body.

29. (WITHDRAWN) The high reflectivity micro mirror as defined in Claim 25, wherein parallel passages extend across the crystalline plane.

30. (CANCELED)

31. (WITHDRAWN) The high reflectivity micro mirror as defined in Claim 25, wherein several axially aligned mirror surfaces are spaced across the crystalline plane.

32. (WITHDRAWN) The high reflectivity micro mirror as defined in Claim 25, wherein the body is a wafer.

33. (WITHDRAWN) The high reflectivity micro mirror as defined in Claim 32, wherein two or more wafers are stacked to provide a composite mirror surface consisting of the mirror surfaces of the two or more wafers.

34. (WITHDRAWN) The high reflectivity micro mirror as defined in Claim 25, wherein means is provided to selectively adjust the reflection angle of the mirror surface by manipulating the position of the body.

35. (WITHDRAWN) The high reflectivity micro mirror as defined in Claim 25, wherein the mirror surface is a refractive surface adapted to split an input light beam into several output light beams.

36. (WITHDRAWN) The high reflectivity micro mirror as defined in Claim 25, wherein the mirror surface is a diffractive surface adapted to split an input light beam into several output light beams.

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37. (WITHDRAWN) The high reflectivity micro mirror as defined in Claim 25, wherein the mirror surface is an holographic surface adapted to split an input light beam into several output light beams.

38-44. (CANCELED)

45. (CURRENTLY AMENDED) A high reflectivity micro mirror, comprising:
a homogenous monolithic bulk crystal silicon having an anisotropic body with several crystalline planes;
a mirror surface co-extensive with an anisotropically etched portion of a selected one of the several crystalline planes positioned internally within the body; and
an inlet passage and an outlet passage which intersect at the selected one of the several crystalline planes.

46-62. (CANCELED)